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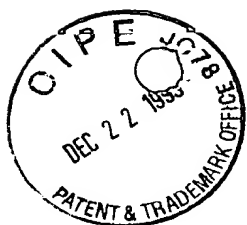
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## SEQUENCE LISTING

<110> M. Costa  
S. Doberstein  
S. Elson  
K. Ferguson  
S. Homberger

<120> ANIMAL MODELS AND METHODS FOR ANALYSIS  
OF LIPID METABOLISM AND SCREENING OF PHARMACEUTICAL AND  
PESTICIDAL AGENTS THAT MODULATE LIPID METABOLISM

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 Leu Gln Phe Phe Ala Arg Tyr Tyr Met Ser Arg Ala Arg Gln Glu  
 690 695 700  
 Cys Gly Arg Thr Arg Ala Thr Glu Gln Thr Gln Glu Leu Arg Trp Ala  
 705 710 715 720  
 Phe Thr Ala Tyr Gly Tyr Arg Tyr Cys Ala Thr His Val Phe Thr Tyr  
 725 730 735  
 Asp Leu Ser Asp Ser Gly Glu Gln Asp Gly Phe Phe Thr Arg Leu Arg  
 740 745 750  
 Asn Pro Cys Asp Pro Ala Ala His Val Ile Lys Gln Tyr Arg Glu His  
 755 760 765  
 Leu Leu Phe Lys Ser Ile Gln Cys Leu Val Gly Ala Gly His Lys Ser  
 770 775 780  
 Gly Gly Leu Pro Thr Ser Ser Val Ser Gly Glu Ala Glu Gln Leu Gln  
 785 790 795 800  
 Gln Gln Gln His Ser Gly Thr Ile Val Ser Asn Val Leu Lys Tyr Thr  
 805 810 815  
 Ser Leu Leu Lys Asp Thr Leu Trp Ala Asp Glu Asp Glu Arg Asp Thr  
 820 825 830  
 Asn Val Val Trp Trp Ala Asp Val Leu Glu Thr Ala Val His Trp Leu  
 835 840 845  
 Leu Gly Glu Asp Thr Leu Ala Glu Gln Leu Tyr Gly Arg Ile Lys Gln  
 850 855 860  
 Met Pro Thr Gln Leu Gln Gln Cys Gly Glu Asn Asp His Leu Pro Lys  
 865 870 875 880  
 Ala Leu His Ala Val Leu Arg Ala Lys Met Ile Leu Leu Lys Asn Asn  
 885 890 895  
 Gly Asn Ala Leu Asp Lys Ser Leu Lys Gln Leu Val Asn Ile Leu Cys  
 900 905 910  
 Asp Glu Ser Ser Val Glu Leu Gln Glu Cys Leu Thr Val Asn Arg Ile  
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 Thr Asp Ala Lys Gly Ile Lys Leu Leu Phe Gln Leu Thr Cys Asp  
 930 935 940  
 Trp Leu Leu Glu Thr Arg Thr Ala Leu Trp Glu Leu Glu His Met Asn  
 945 950 955 960  
 Met Glu Asp Asp Gly Phe Tyr Gln Val Pro Gly Glu Val Leu Glu Lys  
 965 970 975  
 Phe Gln Thr Asp Leu Asn Ser Leu Arg Asn Ile Val Glu Asn Ile Pro  
 980 985 990  
 Asn Ala Gln Ser Arg Ile Tyr Leu Tyr Glu Ala Val Cys Arg Leu Met  
 995 1000 1005  
 Ala Gly Ala Ser Pro Cys Pro Thr Gln Gln Leu Leu Asp Arg Ser Leu  
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 Arg Ser Arg Asn Ala His Ser Ser Ile Phe Cys Gly Ser Lys Asp Arg  
 1025 1030 1035 1040  
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 1045 1050 1055  
 Tyr Val Ala Cys Lys Tyr Leu Pro Pro Ala Leu Leu Ser Ser Pro Gly  
 1060 1065 1070  
 Glu Arg Ala Gly Met Leu Ala Glu Ala Ala Lys Thr Leu Glu Lys Val  
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